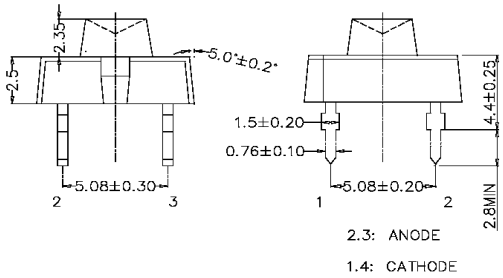
查询LP379PBL1-C0G供应商

COTCO

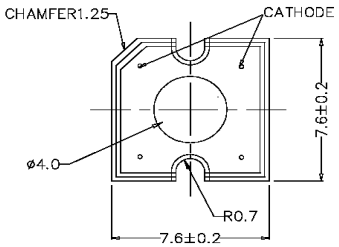
P4 InGaN Blue Ultra Bright LED

LP379PBL1−C0G



Applications

Advertising signs
Indicators
Message board



NOTES: 1. ALL DIMENSIONS ARE IN mm TOLERANCE IS.±0.25mm UNLESS OTHERWISE NOTED.
2. AN EPOXY MENISCUS MAY EXTEND ABOUT 1.5mm DOWN THE LEADS.
3. BURR AROUND BOTTOM OF EPOXY MAY BE 0.5 mm MAX.

Maximum Ratings (Ta=25°C)

Characteristic	Symbol	Max.	Unit
Forward Current	I_F	30	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	120.00	mW
Operating Temperature	T_{opr}	−20 ~ +75	°C
Storage Temperature	T_{stg}	−30 ~ +80	°C
Soldering Temperature	T_{sol}	260	°C
Soldering Time	−	for 3 sec. max	−

Opto−Electrical Characteristics (Ta=25°C)

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Forward Voltage	V_F	I_F=30mA	−	4.00	4.60	V
Reverse Current	I_R	V_R=5V	−	−	100	μA
Luminous Intensity	I_V	I_F=30mA	400.00	800.00	−	mcd
Viewing Angle	$2\theta^{1/2}$	−	−	120°	−	deg.
Peak Wavelength	λp	I_F=30mA	−	465	−	nm
Dominant Wavelength	λd	I_F=30mA	−	470	−	nm
Spectral Line Half Width	Δλ	I_F=30mA	−	28	−	nm

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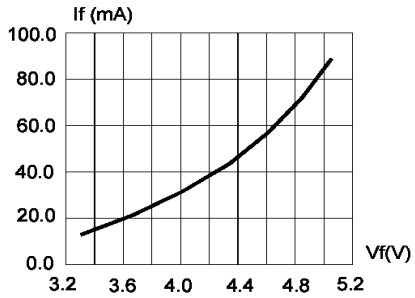

FIG.1 FORWARD CURRENT VS. FORWARD VOLTAGE.

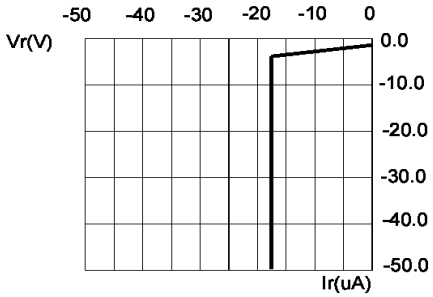

FIG.2 REVERSE CURRENT VS. REVERSE VOLTAGE.

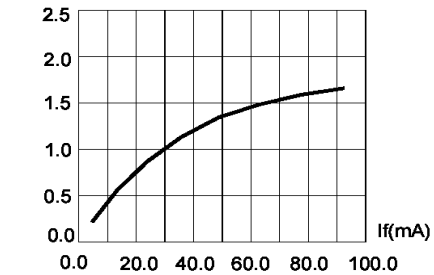

FIG.3 RELATIVE LUMINOUS FLUX VS. FORWARD CURRENT.

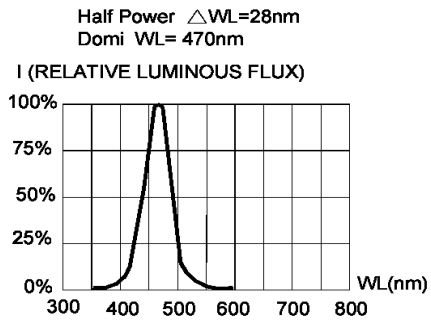

FIG.4 RELATIVE LUMINOUS FLUX VS. WAVELENGTH.

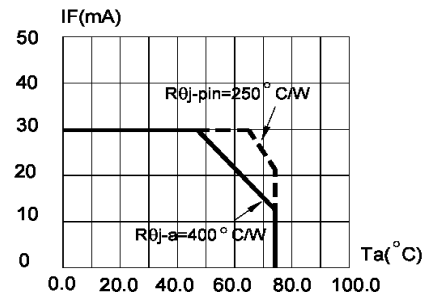

FIG.5 MAXIMUM FORWARD DC CURRENT VS AMBIENT TEMPERATURE (Tjmax=95 °C)

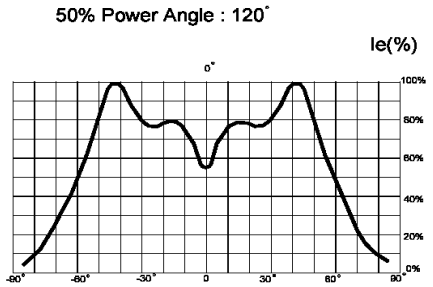

FIG.6 FAR FIELD PATTERN

1. Cathode PAD Area (0.18 X 0.18 X 2inch^2)
2. Height above nominal seating plane in inches(0.3inch)

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